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vestige of Head Arch.

✓ Its causes are many of those which
induce apoplexy & palsy. In addition to them
I have known it brought on by - puberty,
by the operation of the menses - walking up
a winding stair case - riding backwards - looking
down a precipice, ^{overstraining attention to sound & speech -} and drinking strong coffee.

+ I have lately heard of its being completely
cured by the operation for fistula in ano.
Dorchester 1804

~~Vertigo and~~ ~~headache~~

vertigo

lying - sitting,

or Giddiness ~~is~~ ^{very} it has great variety - ~~attends~~ ^{lying}
walking - riding in a Carriage & looking down a
precipice. Its worst grade occurs in a recumbent
posture. It is with, ^{can - with & without blindness, & false} without noise in the
^{sharp vomiting.} ~~vision -~~ ^{It is a}
~~without & with general~~ ^{the} ~~disorders.~~ ^{symptom of Gout & often precedes} ^{some affections}
of the head. It is ^{sometimes} ~~often~~ a precursor of piles. It
produces different ~~and~~ false perceptions in ^{the} eyes
as ~~give~~ ^{attacks} a rotatory & a wave like motion - ~~also~~
It ~~affects~~ ^{attacks} chiefly in the decline of life, but I
have often seen it ^{in early life} ~~under one~~
^{of twenty.} ~~It is sometimes with dyspepsia.~~
~~and during the operation of the menses.~~ ^{I have}
~~known it to be in Dropsy -~~ ^{both of last} ~~and~~ ^{apoplexy.} ✓
Remedies.

1 Ves. ~~of~~ ^{first} ~~cupping.~~ It does most good when
it induces head ache w^{ch} it afterwards cures.
2 Purgs. 3 Low living. 4 Issues. 5 Blisters. 6 Cold
Baths water to the head & warm to the feet.
7 Garlic. Tho' Pyorr.
8 ^{weak to feet.} ~~avoiding~~ all its exciting causes - as tight
Dress - Coffee especially. ^{I have} often cured by forbidding it

- 1 It occurs 1 in paroxysms with perfect intermissions.
 2 in paroxysms with remissions only. The patients
 in these cases are never free from pain. 3 ~~in~~ ⁱⁿ ~~paroxysms~~
 3 in constant nearly uniform pain without
 paroxysms.

✓ from the exchange of arterial into venous
 but I have ~~once~~ known continue during life &
 plethoric. ~~Certain~~ changes in the condition
 that life illustrated in one instance to 85 years. L. Marshall.
 of persons, with respect to labor, different
 pursuits, & above all, the state of the mind
 sometimes cure it. It was cured in the ^{distress} ✓
 amiable lady Rachel Ruffel by the grief she
 felt after the execution of her husband Lord
 Wm. Ruffel. It is often hereditary. —

It is generally periodical. I have known
 it twice to come on with the rising, & go off with
 the setting sun. But when not ~~from~~ ^{often} comes
 on weekly - monthly - twice a year, & I once
 knew it occur annually. It was in Sept^r
~~or directly~~ upon the head ^{often} ~~the~~

✓ The remote & exciting causes act primarily
 upon the blood vessels, the ~~veins~~ ^{nerves}, the mind, &
 the stomach, the ~~præ~~ ^{pro} ~~the~~ ^{the} stomach. But they =

2 Head Ach

These diseases are more general, or more distressing than the head ach. It affects all ages above puberty, and sometimes young persons ~~and~~ from 14 years old down to 8 or 10.

Women are more subject to it than men. ^{in the ratio of 10 to one.} I have said it is ~~a~~ ^a ~~foreign~~ ^{foreign} ~~in them, is it often~~ ^{in them, is it often} ~~caused~~ ^{caused} ~~from Gout~~ ^{from Gout}. ~~It often causes a~~ ^{It often causes a} ~~head ach~~ ^{head ach}.

✓ The ~~its~~ ^{causes} ~~remote~~ ^{remote} ~~causes~~ ^{causes} ~~are~~ ^{are} ~~which act directly on~~ ^{which act directly on} the head are

1 a malconformation of the head. In this case it is often hereditary, and shows itself in early life. 2 Intemperance. 3 Abuse of the eye or a ^{physical} ~~disorder~~ ^{disorder} ~~of the eye~~ ^{of the eye}. 4 ~~disordered~~ ^{disordered} ~~teeth~~ ^{teeth}. ~~The causes which act on the blood vessels~~ ^{The causes which act on the blood vessels} ~~principally~~ ^{principally} are

1 Fever of all kinds. It is often the solitary symptoms of a reigning Epidemic. When that Epidemic is an Intermittent, it appears in that form, or succeeds it. or Cullen's fact. The head ach was very common in the Autumn of 1800. It was

= all act chiefly by action the arterial & nervous systems. I shall enumerate them in the order in which they have been mentioned.

✓ Scalp and pericranium so as to induce a swelling in it - both partial & general.

3

the animal fever in the head.

- 2 ~~Q~~ It is sometimes a form of ~~Rheumatism~~
~~and~~ gout. In these cases it may be known
by occurring in the seasons of ~~these~~ ^{that} diseases,
by being preceded by ~~fits~~ of gout in other
parts of the body, or by the patient being de-
-rived from gouty Ancestors, and by its
being relieved by pains in ~~its~~ or disease in
other parts of the body, particularly the limbs
and Stomach. ^{It does not relieve the Gout or Stomach.} I have once ~~it~~ ^{seen} a Case of gouty
head ^{ache} of 15 years standing, alternate with a Gleet.
- 3 ~~Q~~ It is sometimes the effect of Rheumatism
from Cold. It may be known by attacking
robust and temperate people, ~~by~~ ^{not} al-
-ternating with pains in the limbs, but
not with disease in the Stomach, - ^{or} by
being increased by all the causes which
increase Rheumatism. The disease in both
Gout & Rheumatism is often ^{affected to the} seated in V

~~mixed Aliments - a full meal - and
a full meal, mixed~~

~~Abstinence often induces it in persons
who are predisposed to it.~~

4 great heat & cold.

5 Puberty.

6 The strife which takes place between the
Arterials & veins between 36 & 46

7 The Operation of the menses, or ~~the~~

8 Obstructed menses, & the operation of pills.
^{enipations}
~~stoppage~~ of any customary evacuation, and ^{enipations} ~~enipations~~

9 Costiveness, ~~and~~ or difficulty in Discharging

the feces from the piles or Condylomata. ^{as} in
Allston's case.

10 Tight Dresses around the neck, or upon
the head, or ~~right~~ feet.

The causes which ^{act upon the head thro' $\frac{1}{2}$ medium} ~~are~~ of the nervous system

are 1 Certain winds - ~~at~~ a certain state of Inno-
-tune & degree of the air, and a certain state of the
Air relative to ^{density & rarity} Thunder & lightning.

2 Sympathy with Impulsions on parts w^{ch}
convey sensation & pain to the head. ^{to figure from} Long stan-
-ding on the feet, & cold feet have this effect ~~at~~

V ~~base may always know~~ I know shall we know
whether the ~~head~~ ^{head} ~~ack~~ ^{ack} be induced by a disease in
Stomach ^{Disease in the stomach} or the stomach - by a disease in the
head? I answer by the priority of the disease
in the stomach to that of the head. - The reverse
of this remark is equally true. ^{ack} ~~of head~~ ^{ack} that have been ment.
A general of these causes ^{ack} often combine ~~as~~
in producing head ack, particularly
those which act thro' the medium of the
blood vessels, nerves & stomach.

It is a singular fact - that numerous as
the causes of head ack are we have
enumerated, many persons pass thro' life
without being affected by it. ~~as to~~ I
have met with some people who have
declared that they had never felt a single
sensation in the head that would give
them even an idea of that pain.

~~3 Unusual wakefulness, or unusual sleep,~~
or sleep at unusual hours.

The causes which act upon the head so as
to induce pain ~~are~~ thro' the medium of the mind
are 1. Hard study.

2. Sudden & violent emotions ^{or passions} as terror,
anger, joy, fear, grief &c.

The causes which act ^{upon} ~~thro'~~ the head through
the medium of the houses are

1. Certain odors.

2. Looking down from a great height.

The causes which act upon the head thro'
the medium of the stomach are

1. Bile, or indigestible matters in the stomach.

— or full orcal, & certain substances offen-
— sive to the stomach from habit, or idiosyncrasy,
such as butter raw, or baked; fat meats, certain nuts
& milk ~~is~~ V

✓ The head ache from all its causes ap-
-pears 1 with perfect intermissions. 2 with
remissions only and 3 with ^{nearly} ~~uniform~~
uniform pain without any intermission or
remission. The pain in this last =

✓ The pain in all its seats & grades like this:
- like venaria appears 1 in paroxysms with
perfect intervals. 2 in paroxysms with remissions
only. 3 in paroxysms a chronic form without
paroxysms. In these cases it =

~~✓ The pain in all its seats & grades is~~
~~generally said to be the head ache from all its causes~~
~~continuous continues with little or~~
~~no abatement for months or years. I~~

was once consulted by a gentleman who
had ~~to~~ not had an interval of perfect ease ^{from it}
for 4 years. It is ^{have been known it} I ~~have known it~~ ^{in 4 cases} come on w.
the rising, and go of with the sitting, ^{the month of} but
it often comes on weekly, monthly, ^{the month of} season-
ally. I once it knew it occur only in ^{the month of} Sept. -

It ^{occurs} ~~occurs~~ in some people only in Spring
& Autumn - in others in Summer & Winter
only - most frequently in Winter - In these cases
it is generally seated in the Arterial System.

There is a good deal of variety in the seat & nature of the pain ~~arising~~ which constitutes ^{different cases} ~~this~~ ^{the} pain, probably depending upon the ~~cause~~ which induces it.

- 1 It affects the whole head. In the former case, ^{one half or} it is called *hemicrania*.
- 2 It affects the fore head, or orbits chiefly.
- 3 It affects the orb of one, or both eyes. I have once observed this to be induced uniformly by bile in the stomach - it was in the late Dr. Clark.

= 2012 =

- 4 The pain is dull & unpeaking.
- 5 It is extremely acute and constant.
- 6 It has remissions & exacerbations.
- 7 It is attended with a sense of something like a shutting & opening of the Sutures of the Cranium; probably from ~~the~~ ^{the} compression of ^e brain.
- 8 The scalp is sore to the touch - it is called "*Capitudo Ulcerosa*". ✓

In all its forms the feet are dry & cold - the face is red, & hot, or pale & cold, & the eye lids fall.

& I believe justly
= Dr Boerhaave supposes the seat of the
pain to be in the Dura Mater. Dissections
of persons who have died of the head aethon
marks of disease in that part of the brain.
The substance of the brain, that is those
parts which are the seats of the mind &
of the source of the nerves, ~~are~~ ^{the} appear
to partake in a low degree of sensibility
or in a total absence of it, with the
lungs, spleen - liver & pancreas, and for
the same wise & benevolent purpose.
Had they been more sensible, not only
the ~~senses~~ functions of the senses, but
the operations of the mind would have
been interrupted a thousand times by
the ~~late~~ ^{brain and pangs} action of from ~~the~~ a little
increase or irregularity in ^e circulation
of the blood in the brain. It is no
objection to this opinion that we

twice elongated 7
the eyes are inflamed - tears flow involuntarily - the
vision is weakened, or destroyed - or so exquisite
as not to bear the light of a candle of fire,

fire on the coldest day in winter. The
ears are affected with various noises, or
the slightest noise affects them. Some-
times smell & taste are nearly destroyed.
The mind is often affected - with loss of
memory - incoherent imaginations
& weak judgement - a syncope now
& then occurs. Bilious vomiting
also sometimes & pale urine attend. The
pitt is terminated in ^{from 6 to 48} ~~from 6 to 48~~ hours,
hours with a rigor or sleep. ~~or~~

Sometimes it continues with little or
no abatement for years. I was once
consulted by a man who said he had not known
an interval of ease from it for 4 years.

= find marks of inflamⁿ - pus - and water
in every part of the brain. ^{After death from head ach.} They all
occur in the liver, spleen & pancreas
things without inducing pain. But
further ^{we observe} no pain in palsy - nor vertigo - ^{nor mania} except when
translated to the Dura mater, which ^{cost it} indicates a recovery.

~~Before I proceed to mention the Remedies
for this disease, I shall even ask that
it is cured 1 by time - particularly by
manhood when it occurs at puberty -
& by the separation of the strife between
the Arteries & veins about the 40th year
of life. 2 by labor & a change of pursuits
of life. 3 by the operation of a stimulating
or sedative paper. It was cured in a lady
in this city by a fall upon the ice. It
was cured by grief in the celebrated Lady
Rachel Rensel induced by grief from the
execution of her husband Lord Wm Rensel.~~

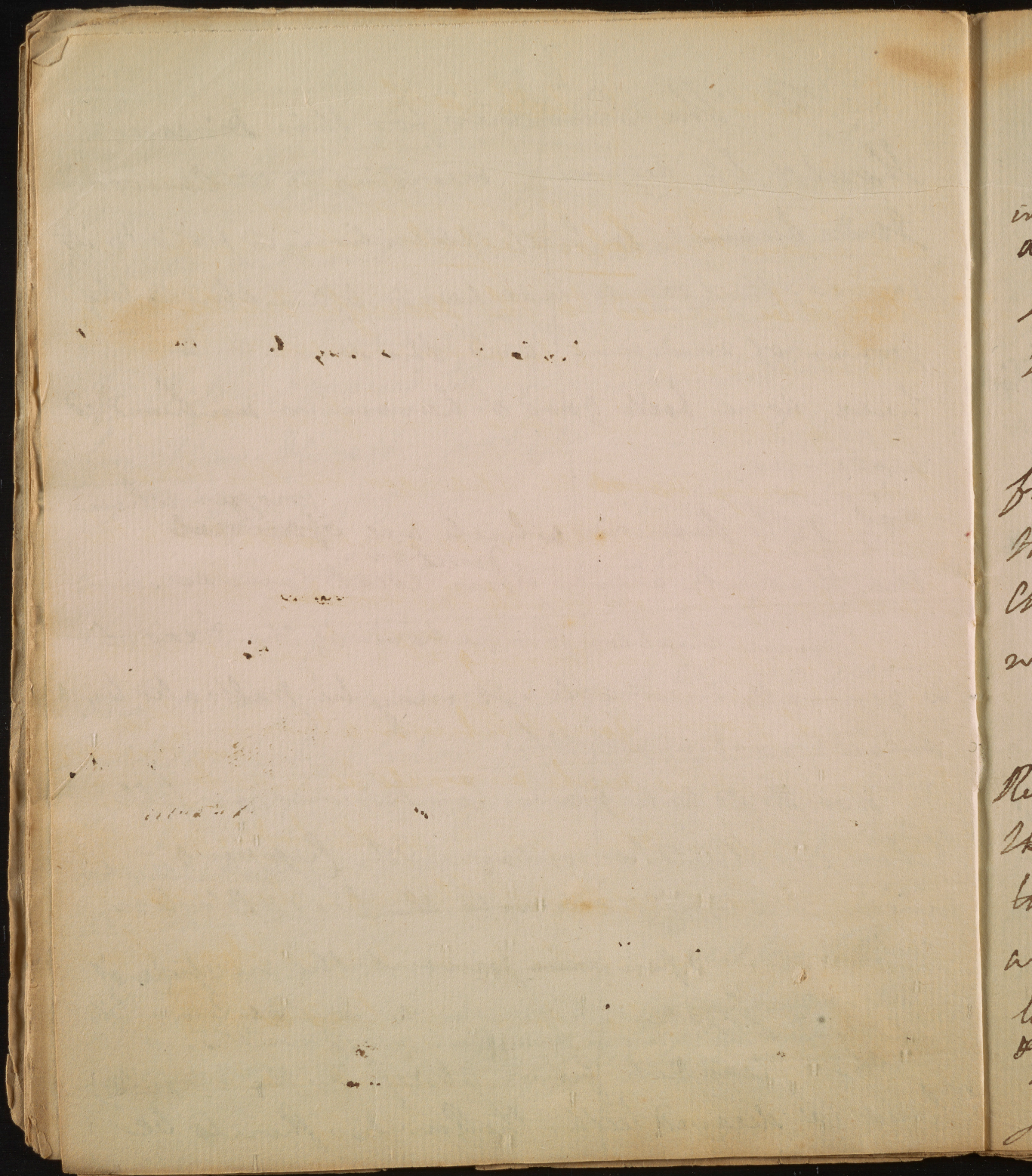
~~§~~ The Remedies for this Disease should be different according to its Causes. It is because so little attention is paid to its causes, that the disease has so often eluded the power of medicine, and the same medicines have done both good & harm in an hundred instances.

of ^{the} I. The Remedies which are ^{proper when} ~~of a local~~ the Head Ach arises from ^{direct or} local causes.

From malconformation of the head it is generally incurable. It may be palliated by small & occasional ~~of~~.

For Head Ach from Contusions, or falls, the Remedies should be copious ~~of~~. Cupping - ^{& deep Scarifications.} Issues - Cold Applications to the head & Blisters. These Remedies often ~~can~~ prevent the necessity of using the Taper. Remember the intervals between the contusions & the disease is often from 1 to 12 months.

For Head Ach from Abscess in the maxillary sinus, & decayed teeth, the Remedies should be



4

Extraction of the ~~teeth~~ teeth.

When Head ach arises from causes w.^{ch} indirectly upon the head thro' the medium of act upon the blood vessels, ~~then~~ the Remedies should be suited to the specific nature of those causes. ~~a Substitution is required in these etc.~~

If from an Epidemic fever, or a fever from any ~~cause~~ the changes in the weather, the Remedies should be accommodated to the Character of the fever, ~~if the Remedies~~ ^{be chosen} should be most successful in curing ~~the~~ ^{these} Diseases very ^{carefully} in these cases.

If from Gout & Rheumatism, the Remedies should be such as would be used ^{in these diseases,} ~~to~~ ^{particularly} in Blister to Joints & great toe. ~~These diseases in other parts of the body, adding~~ to them more copious bleeding, also Cupping and Blisters. Twice the Quantity of blood should be drawn in this form of ~~head ach~~ Gout & Rheumatism ^{that} would be necessary were ~~it~~ ^{they} seated in the Joints or lungs. ~~The same~~ ^{that} It is indicated

① I have ~~not~~ included madness among its
consequences but this rarely occurs. I have
known but one instance of it - and I have
been struck in observing how often head ache
has continued for years ~~and will~~ very
distressing symptoms, and yet ~~more of these~~
~~diseases have~~ ^{not} followed it. It shows the foundation of
the distinction between - cerebral & systematic predispositions.

I have known two instances in which gout in
the head was met upon its first approach with
cups, & effectually cured. Mr. Piddle who lived to

be above 80, & Sam. Brown now above 70. Dr.
Hibbard mentions apoplexy being thus prevented ~~by~~ ^{by}
50 - by applying cups to the ~~temples~~ ^{arteries}.

It is from the victory that the veins
acquire over the veins at 40, or 45 that the
head ache often goes off of itself. Of this I have
known many instances. The cerebral
predisposition thus wears away. It is eradicated
by labor & a change of pursuits in life. It
was ~~it~~ used by grief in Lady Rachel's
induced

by the morbid issue of obstinate chronic
head ache in blindness - deafness - loss of
memory - Dropsy of the brain - Epilepsy -

Palmy & Aphrodisy. ^{& of admet.} After & with V S trapping
the Remedies should be low diet - Absting from ~~lynele~~
metics - purges - Blisters to the ~~head~~ ^{head & neck}
joints particularly the ankle & ball of the great toe - & also to ~~head~~
the ears - cold & ~~hot~~ ^{even} applications to y^e head,
& a salivation, & Incisions thro' the scalp to y^e bone.
If the ~~issue~~ ^{issue} not cured - life ~~protracted~~ ^{protracted} - till it goes off.
If it arise from great heat & cold, the

Remedies shd be the gradual abstraction of
heat, & the gradual application of cold.

If it occur at Puberty - from the stife of
the veins & arteries - from the Abation of
the menses, or from their Obstruction & the
Absence of piles, the Remed: Should be small
& frequent V S. - gently purging, & restoring
the customary & natural excretions of
blood or discharges of menses, if from ^{if from heat & force.} ~~impurities~~ ^{impurities} of blood,
If from Asthenia, - the bowels shd?

+ Artificial Drains should supply this
place.

V Smoking tobacco. It was completely cured
by the use of cigars in a gentleman of this
city. It was remarkable, when in health, they
always sickened him, but when ^{afflicted} ~~affected~~ with
head ach, they never affected his stomach.

richmond

be kept gently open, by medicines to be men-
tioned hereafter. Condylomata sh^d be cut off.

- If from tight ligatures, they should be removed.
If from eruptions, they should be restored, or +

After the restoration of the action of the
blood vessels in all these cases if it had been
necessary, or where a feeble morbid action

takes place in the blood vessels, the Remedies sh^d
be - 1. ^{from the beginning of the disease,} Vinum, 2 Wine, 3 warm applications

to the ^{in a part} head, 4 warm & cold Bath. 5 Stimula-
-ting ^{in a part} applications to the feet - ^{in a part} Salt-
-ing ^{in a part} applications to the feet - ^{in a part} Salt-

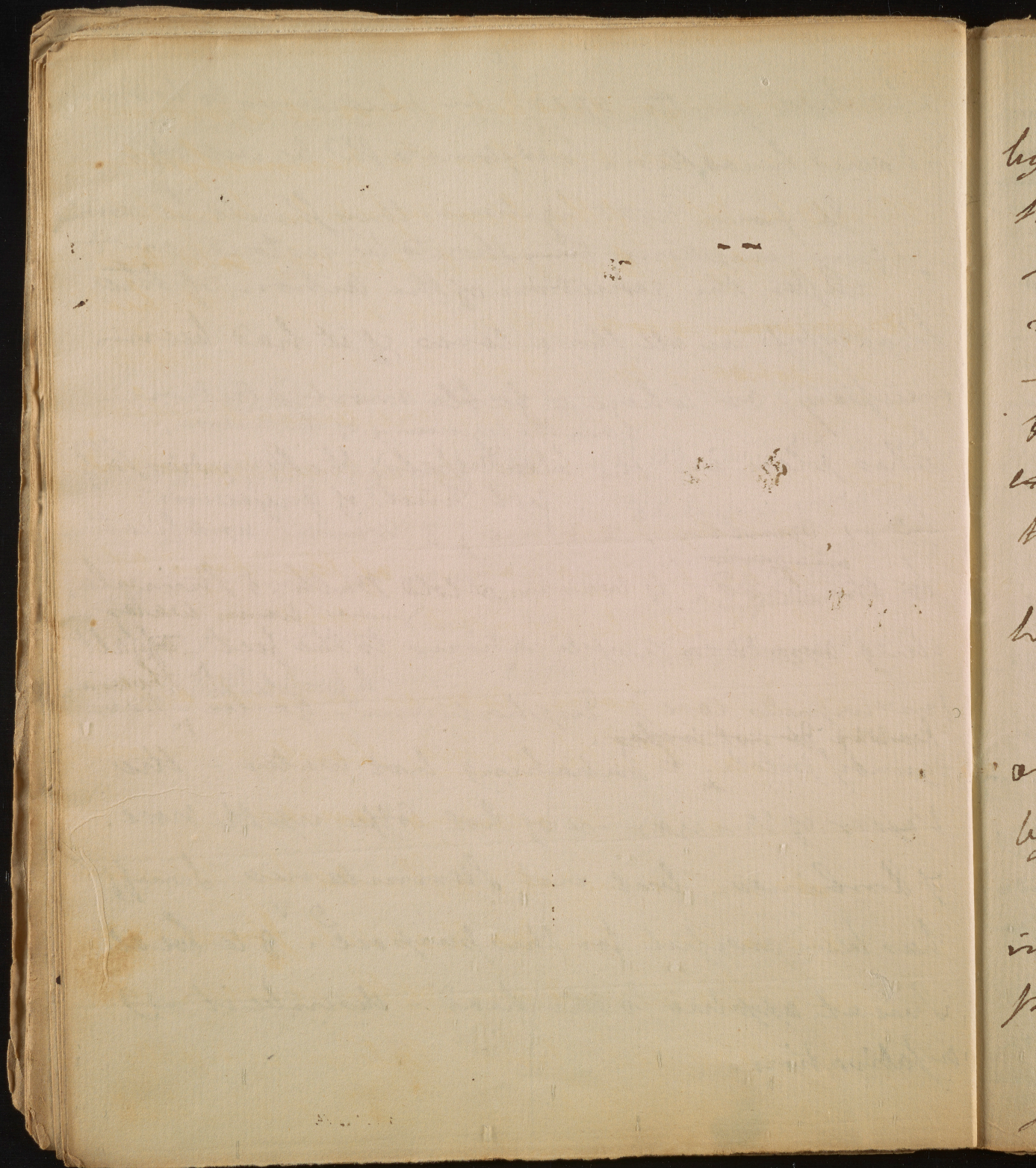
(see Wignell's case) Euphorbium ^{in a part} Garlic - ^{in a part} Bur-
-gundy pitch. & Inhaling hot water - the

Vapor of Vinegar - & of hot Coffee up the nose.

7 Doorkines - but not Stomachics. Snuff

has been useful for this purpose. 8 a local

Sweat applied to the head - describe it - 9
or salivation.



18
The remedies for Head Ach where it is produced
by causes which act thro' the nervous system
should be, &c. - if the blood vessels be brought into
lymphathy, & are unduly excited, cold air,
& ~~Opium~~ ~~and~~ cold applications to the head,
- ~~apoplexy~~ ~~and~~ and all the other remedies
for ^{morbid} nervous & muscular excitement when
~~such~~ violent, or weak to be mentioned under
the head of Hysteria.

all the exciting causes of this kind of
head ach should be avoided. repeat them.

Head ach from causes which act
on the head thro' the mind, should be removed
by avoiding all its exciting causes.

~~as~~ The same thing should be done to
in order to cure the ~~as~~ Head ach ^{which} ~~is~~
produced thro' the medium of the Senses.

Head ach from Bile or indigestion
should be cured by occasional emetics,

~~It is known to originate from stomach~~
~~the disease begins there~~ ~~Vice versa is true.~~
+ Recollect that Headache may be induced by all these
causes in ^{conjunction} rotation. The kind of course is changed.

✓ The following are the usual symptoms
when formed.
of a paroxysm of periodical head ache. The
feet are dry, or cold - the face is red & hot -
the or pale, & cold - the eye lids fall - the
tunica albuginea is inflamed - tears flow
sometimes black & blue - the parts below the eyes become
involuntarily - vision is weakened, or suspended,
or so exquisite as not to bear the light of even
a chunk of fire on the coldest day in winter -
- The ears are affected with ^{imaginary} various, or ^{gross} ~~st~~
fickle noises - Smell & taste are nearly destroyed -
The mind is often affected with loss of memory
incoherent imagination, & weakness of judgment,
- a syncope now & then occurs - bilious vomiting,
pale urine & costiveness attend. These symptoms
generally continue from 6 to 24 hours, &
then go off in a stupor or sleep. It is
in this form, it usually appears in women
It is found in ^{the} nervous system a ~~from~~ ~~head~~
~~reference of the mind~~

and afterwards by tonic Remedies - by
 simple diet - & by avoiding full meals &
 all those Abiments that bring on ^{the} disease.
 Dr. Linnæus says he cured it by advising a patient to use dis-
 tilled water freely with his food. -
 home said this disease is often pe-

riodical. It is so chiefly when it is seated
 in the nervous system. A paroxysm of
 nervous

Head Ach ~~may~~ is generally preceded by
 the following symptoms - Cold & dry feet -

- great sleepiness or wakefulness, - troublesome
 dreams, a sense of weight on the head - a unusual
 increase, or diminution of appetite. In this

forming state of a paroxysm of head Ach the

following Remedies often ~~the~~ check, or weaken

it 1 Abstinence 2 the pilularium. 3 a vomit & a purge 4 Cupping.

5 a sweat. 6 Shave. 7 Three or 4 glasses of sound
 old wine. 8 Swallowing 100 of hot water drawn.

When the fit is formed, the
 Remedies should be 1 lb if very violent, &

for Julia

⑥ Head Ach from all its sources when
it occurs in early life generally goes off
with the arterial plethora - that is
from about 40 or 45.

14 great
if it affects the bloodvessels with morbid excitement,
or if the pain be so acute as to prostrate the
bloodvessels. 2 purging. 3 Blisters & cataplasms
of mustard to the feet. 5 Rest - in a recumbent posture,
and in a dark room. 6 Silence - 7 a Bandage
round the head. 8 Other - opium & wine,
if no morbid or protracted excitement exist
in the system. 9 ^{Artificial} ~~Temporary~~ once cured it. Mrs Baile.

In the Intervals of the fits the Remedies
should be 1 Tonics - such as Bark - Zinc -
of both, ~~opposing~~ Blue vitriol - preparations of iron &
Cold Bath & Cold air at night to the head - the
Bishop of misuses thus cured - or warm applica-
- tions eight a day to the head. In ^{a wig cured it} still cur-
- ed by a wig - In all cases the hair should
be kept thin & no powder or grease should
be worn on it. - A cordial diet without wine or
spirit. pepper in food. fact of Sam^l Wetherill -
exercising ^{as usual} - & providing all its
hidden - ~~as to~~

turn back to § one leaf

✓ The Prognosis in head ache is as follows.

1 It is ~~very~~ ^{very} ~~dangerous~~ ^{dangerous} when it arises from all its direct & indirect causes.

2 It is most dangerous when it occurs from ^{or causes that act directly upon} local injuries ~~to the brain~~.

3 It is next so when it is seated in the blood vessels. Palsy and Apoplexy - ~~consequences~~ are often induced its consequences from this cause - inasmuch as it affects the internal part of the brain.

4 It is ~~next~~ ^{next} likewise in point of danger when it affects the head thro' the medium of the muscles, tendons & pericranium - as in Gout & Rheumatism - ~~The~~ head ache from this cause is seated in the pericranium & scalp of the head. -

exciting Causes, particularly such as act
offensively upon the Stomach, for in all
the morbid affections of the nervous System
the Stomach bears a part ~~in~~ thro' it the
disease is often excited, as well as cured.

~~transposed~~ Copied Jan^y 30. Deliv^d 31. 1804

I have ~~met with one instance of~~ ^{read an account} Head Ach oc-
-curring only on Sundays owing to Suspension of
labor on that day. Does not this suggest the idea
of the necessity of constant labor to cure it. I ^{have known it} ~~was once~~ cured of
it by Digging & weeding for one month in a garden.

I have a patient in this city who is affected
with it only ~~from~~ on Sundays. I have lately
discovered it is occasioned ~~only~~ by her reading
more on that day than on any other day
of the week. The cure here is to read more
every day, and less on a Sunday. ✓

Considering how much this disease is
diffused thro' town or there I suppose you will
perceive at once the necessity of watching their
grade of excitement & debility, and prescribing therapeutics ✓

5 It Opens in Danger When it affects
the head thro' the medium of the stomach.

6 It is ^{still} ~~left~~ dangerous, when it affects
the head thro' the medium of the nerves
& mind. It is from this cause chiefly
that it endures thro' life. ^{being to be above 80, constantly with it.} Mr. E. Marshall,
6 The more diffused the pain - the less dangerous.
8 From all its causes - it is most
obstinate when it is hereditary. -

In prescribing for this Disease,
recollect 4 things. 1 To enquire into its
causes whether they be direct or indirect.
If the latter - this what System - it is
produced. 2 That all its causes are some-
times blended together. 3 To plant the Systems
when more than one is affected & 4 To conform
your remedies to the existing prevailing
states of the system. 5 To blend your remedies to act on all the defect Systems.
6 To attend particularly
to its intervals, in w^{ch} time ^{only} it is ^{only} to be cured.